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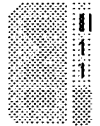
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12 Studies of ground penetrating radar antennas

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Advanced Ground Penetrating Radar, 2003. Proceedings of the 2nd Internatio
Workshop on , 14-16 May 2003
Pages:24 - 29

[\[Abstract\]](#) [\[PDF Full-Text \(447 KB\)\]](#) IEEE CNF

13 Middleware specialization for memory-constrained networked embedded systems

Subramonian, V.; Guoliang Xing; Gill, C.; Chenyang Lu; Cytron, R.;
Real-Time and Embedded Technology and Applications Symposium, 2004.
Proceedings. RTAS 2004. 10th IEEE , 25-28 May 2004
Pages:306 - 313

[\[Abstract\]](#) [\[PDF Full-Text \(296 KB\)\]](#) IEEE CNF

14 Decision-feedback sequence estimation for time-reversal space-time block coded transmission

Schober, R.; Chen, H.; Gerstacker, W.;
Wireless Communications and Networking Conference, 2004. WCNC. 2004
IEEE , Volume: 2 , 21-25 March 2004
Pages:1222 - 1227 Vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(295 KB\)\]](#) IEEE CNF

15 Analysis of packet loss for real-time traffic in wireless mobile network with ARQ feedback

Zhi Quan; Jong-Moon Chung;
Wireless Communications and Networking Conference, 2004. WCNC. 2004
IEEE , Volume: 1 , 21-25 March 2004
Pages:417 - 422 Vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) IEEE CNF

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time in the title AND **metrics** in the title or abstract
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- 1 **REAL-TIME PERFORMANCE MONITORING AND MANAGEMENT SYSTEM**
 Inventor: BUDHRAJA VIKRAM S [US]; DYER JAMES D [US]; (+1)
 EC: IPC: G06F
 Applicant: ELECTRIC POWER GROUP LLC [US]; BUDHRAJA VIKRAM S [US]; (+2)
 Publication info: **WO2005015366** - 2005-02-17
- 2 **Real-time performance monitoring and management system**
 Inventor: BUDHRAJA VIKRAM S [US]; DYER JAMES D [US]; (+1)
 EC: IPC: H02J13/00
 Applicant:
 Publication info: **US2005033481** - 2005-02-10
- 3 **Real-time collaboration and workflow management for a marketing campaign**
 Inventor: WAGNER TODD R [US]; PLOURDE ROBERT W [US]; (+5)
 EC: G06F17/60A; G06F17/60B2 IPC: G06F17/60
 Applicant: ACCENTURE GLOBAL SERVICES GMBH [US]
 Publication info: **US2004254860** - 2004-12-16
- 4 **Real-time monitoring, analysis, and forecasting of trunk group usage**
 Inventor: BOGGS RONALD L [US]; COX DEAN W [US]; (+2)
 EC: IPC: G01R31/08
 Applicant:
 Publication info: **US2004240385** - 2004-12-02
- 5 **WIRELESS COMMUNICATIONS SYSTEM WITH ENHANCED TIME SLOT**
 Inventor: CAIN JOSEPH BIBB
 EC: IPC: H04B7/212
 Applicant: HARRIS CORP [US]
 Publication info: **WO2004095734** - 2004-11-04
- 6 **System and method for risk-adjusting indicators of access and utilization based on metrics of distance and time**
 Inventor: MCNAIR DOUGLAS S [US]
 EC: IPC: G06F17/60; G01P11/00; (+3)
 Applicant:
 Publication info: **US2004193451** - 2004-09-30
- 7 **Transmitting and receiving apparatus for supporting transmit antenna diversity using space-time block code**
 Inventor: HWANG CHAN-SOO [KR]; TAROKH VAHID [US]; (+3)
 EC: H04B7/06C2; H04L1/06T IPC: H04B1/02; H03C7/02; (+2)
 Applicant: SAMSUNG ELECTRONICS CO LTD [KR]
 Publication info: **US2004072594** - 2004-04-15
- 8 **Method and apparatus for integrating data aggregation of historical data and real-time deliverable metrics in a database reporting environment**
 Inventor: FEDEROV SERGEY [US]
 EC: H04M3/51T IPC: H04M3/51; G06F17/60
 Applicant: GENESYS TELECOMM LAB INC [US]
 Publication info: **EP1401181** - 2004-03-24
- 9 **Real-time worldwide wireless golf competition network**
 Inventor: MCCLAIN SCOTT ANDREW [US]
 EC: A63B71/06 IPC: A63B57/00; G06F17/00
 Applicant:
 Publication info: **US2004023734** - 2004-02-05

**10 Wireless communication system with enhanced time slot allocation
and interference avoidance/mitigation features and related methods**

Inventor: CAIN JOSEPH BIBB [US]

Applicant: HARRIS CORP CORP OF THE STATE [US]

EC: H04B7/04S; H04B7/26T; (+2)

IPC: H04Q7/24; H04B7/212

Publication info: **US2004028018** - 2004-02-12

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- 11 Methods and systems for assigning channels in a power controlled time slotted wireless communications system**
 Inventor: BALACHANDRAN KRISHNA [US]; KANG JOSEPH H [US]
 EC: H04B7/005B2U; H04Q7/38C4; (+1)
 Publication info: **US2004171401** - 2004-09-02
- 12 Method and apparatus for determining time varying thresholds for monitored metrics**
 Inventor: CORLEY CAROLE RHOADS [US]; JOHNSON MARK WALLACE [US]
 EC:
 Publication info: **US2004088406** - 2004-05-06
- 13 Image analysis for image compression suitability and real-time selection**
 Inventor: OLDORN DAVID [GB]; POMIANOWSKI ANDREW [GB]; (+1)
 EC:
 Publication info: **US2004081357** - 2004-04-29
- 14 REAL-TIME COLLABORATION AND WORKFLOW MANAGEMENT FOR A MARKETING CAMPAIGN**
 Inventor: LUDWIG-VOGEN ALEXIS A (US); CORUGEDO GEORGE R (US); (+5)
 EC: G06F17/60A; G06F17/60B2
 Publication info: **W003036420** - 2003-05-01
- 15 A method and system for estimating an expected travel time**
 Inventor: HENDRIKS ANTONIUS JOHANNES [NL]; LIM KARIN [NL]
 EC: G01C21/26
 Publication info: **EP1378721** - 2004-01-07
- 16 Mechanism for reducing recovery time after path loss in coded data communication system having sequential decoder**
 Inventor: LOELIGER HANS-ANDREA [CH]; TARKOY FELIX [CH]; (+1)
 EC: H03M13/29; H03M13/39
 Publication info: **US2003026359** - 2003-02-06
- 17 Real-time distribution of imaging metrics information**
 Inventor: KUNZ ROBERT J [US]
 EC: H04N1/00C3
 Publication info: **US2003160996** - 2003-08-28
- 18 Real time statistical computation in embedded systems**
 Inventor: GOKER TURGUY [US]
 EC: G05B23/02
 Publication info: **US6785632** - 2004-08-31
- 19 Min-time / race margins in digital circuits**
 Inventor: LINDKVIST HANS (SE)
 EC:
 Publication info: **US2003159118** - 2003-08-21

20 System and method for implementing a metrics engine for tracking relationships over time

Inventor: GOODWIN JAMES PATRICK [US]; KRAENZEL Applicant:

CARL JOSEPH [US]; (+2)

EC:

IPC: G06F15/173

Publication info: **US2003135606** - 2003-07-17

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network in the title AND **metrics** in the title or abstract
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- 1 **Mobile ad-hoc network and methods for performing functions therein based upon weighted quality of service metrics**
 Inventor: KENNEDY ROBERT ALEX; THOMAS JAY Applicant: HARRIS CORP
 BILLHARTZ; (+1)
 EC: IPC: H04Q7/38
 Publication info: **AU2003204643** - 2004-01-22
- 2 **Method and apparatus for monitoring and displaying routing metrics of a network**
 Inventor: SRIKRISHNA DEVABHAKTUNI [US] Applicant:
 EC: IPC: H04L12/26
 Publication info: **US2005036487** - 2005-02-17
- 3 **TRAFFIC NETWORK FLOW CONTROL USING DYNAMICALLY MODIFIED METRICS FOR REDUNDANCY CONNECTIONS**
 Inventor: PATRICK MICHAEL W; GUO JUNJING; (+1) Applicant: GEN INSTRUMENT CORP
 EC: IPC:
 Publication info: **AU2003237099** - 2003-11-10
- 4 **METHODS, APPARATUSES AND SYSTEMS FACILITATING DETERMINATION OF NETWORK PATH METRICS**
 Inventor: BAYS ROBERT JAMES Applicant: PROFICIENT NETWORKS INC A DELA
 EC: IPC: G06F15/16; G06F15/173
 Publication info: **AU2003223592** - 2003-11-10
- 5 **Dynamic deployment of services in a computing network**
 Inventor: BRITTENHAM PETER J [US]; DAVIS DOUGLAS Applicant: IBM [US]
 B [US]; (+2)
 EC: IPC: H04L12/00
 Publication info: **TW591909** - 2004-06-11
- 6 **Service-driven network planning method**
 Inventor: POWER GERARD [US] Applicant:
 EC: G06F17/60C; H04Q7/36P IPC: G06F17/60
 Publication info: **US2005010468** - 2005-01-13
- 7 **OPTIMAL ROUTING IN AD HAC WIRELESS COMMUNICATION NETWORK**
 Inventor: JOSHI AVINASH (US) Applicant: MESHNETWORKS INC (US); JOSHI AVINASH
 (US)
 EC: IPC: H04Q7/00; H04L12/56
 Publication info: **WO2004114690** - 2004-12-29
- 8 **System and method to improve the network performance of a wireless communications network by finding an optimal route between a source and a destination**
 Inventor: JOSHI AVINASH [US] Applicant: MESHNETWORKS INC [US]
 EC: IPC: H04L12/28
 Publication info: **US2004252643** - 2004-12-16
- 9 **System and method for predicting network performance and position location using multiple table lookups**
 Inventor: RAPPAPORT THEODORE S [US]; SKIDMORE Applicant:
 ROGER R [US]
 EC: IPC: H04B1/00; H04B7/00; (+1)

Publication info: **US2004259555** - 2004-12-23

10 Re-using information from data transactions for maintaining statistics in network monitoring

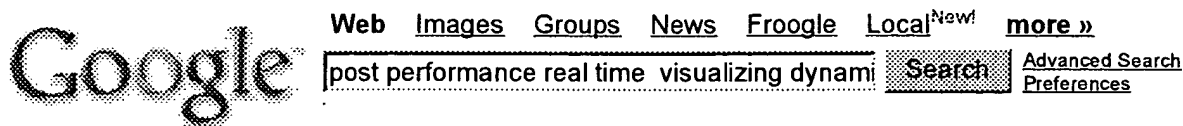
Inventor: DIETZ RUSSELL S [US]; MAIXNER JOSEPH R Applicant: HI FN INC [US]
[US]; (+1)

EC: H04L12/24C4; H04L12/26M

IPC: G06F15/173

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**[PDF] Visualizing Real-Time Multivariate Data Using Preattentive Processing**

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... is presented for **visualizing data** as they are generated from **real-time** ap-  
... results in **real-time** as the simulation runs, or in a **post-processing** ...

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**Nuova pagina 2**

... The possibility of **visualizing in real time** the results of the simulation,  
stopping, ... The "**performance**" of the simulation operates on a **Data Base**, ...

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**Real-Time Four-dimensional Imaging of the Heart with Multi ...**

... The advent of this **real-time 4D visualizing** system has enhanced the ...

We can easily obtain multiphase **data** sets such as liver **dynamic data** sets, ...

[radiographics.rsna.org/cgi/content/full/e8v1](http://radiographics.rsna.org/cgi/content/full/e8v1) - [Similar pages](#)

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... are useful in **visualizing time-varying** characteristics of large, **dynamic** ...  
such as **real-time** stock quote **data** streams or financial visualizations will ...

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... [17] M. Parashar and J. Brown, Distributed **Dynamic Data**- ...

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**[doc] The Anti-Sublime Ideal in Data Art**

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... much larger **data** sets; to create visualizations which are **dynamic** (ie ...  
to feed in **real-time data**; to base graphical representations of **data** on its ...

[www.manovich.net/DOCS/data\\_art.doc](http://www.manovich.net/DOCS/data_art.doc) - [Similar pages](#)

**Windows OpenGL Applications: Scientific, Data Analysis ...**

... **Real-time** rendering of massive models with very large CFD contents. ...

Spatial **Data** Analyzer, Transform **data** into maps and animations with **dynamic data** ...

[www.opengl.org/applications/windows/scientific/](http://www.opengl.org/applications/windows/scientific/) - 24k - Mar 14, 2005 - [Cached](#) - [Similar pages](#)

**Time to Knowledge — EPSScentral.INFO**

... the Internet enables dissemination of **real-time** interactive multidimensional  
information, ... International Society for **Performance** Improvement (ISPI) ...

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**Solutions - MapInfo**

... the product offers the ideal environment for network **performance** improvement.

The **real time** diagnostic tool collects information from GPS, ...

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### Real-Time Rendering Resources

... 2002 called Precomputed Radiance Transfer for **Real-Time** Rendering in **Dynamic**,

... ATI has two presentations about **real-time post**-processing and video ...


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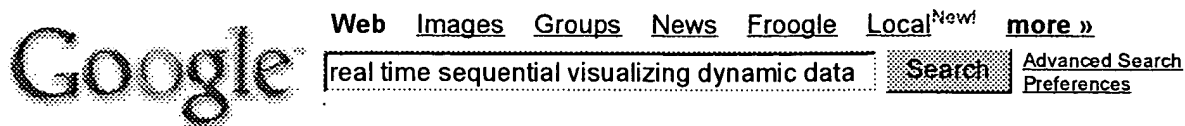
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... For more information about Rivet, see our paper in Computer Graphics 34(1).

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... [17] M. Parashar and J. Brown, Distributed **Dynamic Data**- ...

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### Parallelizing a GIS on a Shared Address Space Architecture

... Because interactive and **real-time** applications require quick response times, the GIS must process these large **data** sets in a very short **time**. ...

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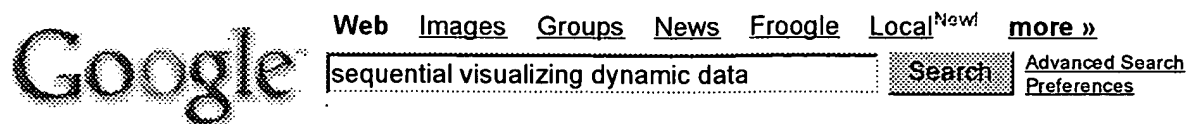
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### Interactive Visualization of Hierarchical

... We discuss interactively **visualizing** hierarchical clustering using multidimensional ... by MST to detect the inherent cluster structure by **dynamic view**. ...  
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 ... One obvious solution to **visualizing dynamic data** is. to represent time explicitly as one of the ... **sequential** manner and not indexed, the interaction ...  
[people.cs.vt.edu/~north/infviz/DataWear.pdf](http://people.cs.vt.edu/~north/infviz/DataWear.pdf) - [Similar pages](#)

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### density control through random sampling : an architectural perspective

... B. Browsing Hierarchical **Data** with Multi-level **Dynamic** Queries and Pruning.  
 ... J. and Rao, R. **Visualizing** Large Trees Using the Hyperbolic Browser. ...  
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### [PDF] Visualizing Distributed Data Structures \*

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 ... **Visualizing**. the distribution. of **data**. structures. In languages like HPF and PC++ the user ... lution of these **dynamic data** structures is often times ...  
[doi.ieeecomputersociety.org/10.1109/FMPC.1995.380477](http://doi.ieeecomputersociety.org/10.1109/FMPC.1995.380477) - [Similar pages](#)

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... Whereas **dynamic-sequential** is essentially a predetermined linear process, ... 11 and the concept of developing tools to **visualizing "dynamic"** geometry. ...  
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### Analytical Graphics, Inc. - AGI Products

... Provides **dynamic data** display of STK parameters within the 3-D globe window  
 ... STK/Advanced VO is capable of **visualizing** varied formats of terrain **data** ...  
[www.stk.com/products/desktopApp/stkFamily/modules/core/advancedVo/keyfeature.cfm](http://www.stk.com/products/desktopApp/stkFamily/modules/core/advancedVo/keyfeature.cfm) - 45k - [Cached](#) - [Similar pages](#)

### The Queue Abstract Data Type

... One way of **visualizing** this is as a circular array where the ends of the array  
 ... **Dynamic Data** Structures grow and shrink in size according to how many ...

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### Pak Chung Wong

... Abstract: A **sequential** pattern in **data** mining is a finite series of elements

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[An Architecture for a Distributed Stream Synchronization Service - Helbig, Rothermel \(1996\) \(Correct\)](#)

and synchronize the flow of data units. The **temporal** properties of an end-to-end data stream are services. The stream synchronization service may be realized by a three layer architecture consisting of an control and synchronization of continuous, **time**-dependent data streams in distributed  
www.informatik.uni-stuttgart.de/ipvr/vs/Publications/1996-helbig-01.ps.Z

[Bandwidth-Delay Based Routing Algorithms - Zheng Wang \(Correct\) \(28 citations\)](#)

arcs  $A$ , in which each arc  $(i, j)$  is assigned two **real** numbers,  $b_{ij}$  as the available bandwidth and  $d_{ij}$  reflects the status of the **network** at a particular **time** instance it does not provide information for routing algorithms based on bandwidth and delay **metrics**. The implications of routing **metrics** on path  
www.cs.ucl.ac.uk/external/Z.Wang/papers/bd-routing.ps.Z

[Performance measures and lagrange multiplier methods to two-band ... - Wang, Wah \(Correct\)](#)

filter banks in both the frequency [1] and the **time** domains [3] In all these designs, most phase (LP) filter bank. Based on these performance **metrics**, we formulate the design problem as a nonlinear  
manip.crhc.uiuc.edu/pub/papers/PostScript/C115/C115.ps.gz

[Example-Based Head Tracking - Niyogi, Freeman \(1996\) \(Correct\) \(6 citations\)](#)

to improving the results may include exploiting **temporal** consistency constraints in the matches, or We show reasonable experimental results for a **real-time** prototype running on an inexpensive workstation. 2  
www.merl.com/reports/TR96-34/TR96-34.ps.gz

[Interactive Simulation And Analysis Of Emission Reduction... - Darin Diachin \(Correct\)](#)

herzog, michels, plasmang@mcs.anl.gov Keywords: **Real-time** Simulation, Interactive Visualization, Model michels, plasmang@mcs.anl.gov Keywords: **Real-time** Simulation, Interactive Visualization, Model CAVE environments connected with a high-speed ATM **network** (Diachin, et. al 1996) COMPUTATIONAL  
info.mcs.anl.gov/pub/tech\_reports/reports/P573.ps.Z

[Reactive Visual Control of Multiple Non-Holonomic Robotic Agents - Han, Veloso \(1998\) \(Correct\) \(3 citations\)](#)

We illustrate our algorithms with examples from our **real** implementation. Using the approaches introduced, fast-paced nature of the domain necessitates **real-time** sensing coupled with quick behaving and decision  
www.cs.cmu.edu/afs/cs/user/kwunh/www/pubs/visual.ps.gz

[Techniques for Handling Scale and Distribution in Virtual Worlds - Karl Connell \(1996\) \(Correct\) \(3 citations\)](#)

are known to be major impediments to achieving **realism** in distributed virtual world (vw) applications allow the specification of synchronisation, **real-time**, and notification requirements. eco objects, Dublin Ireland Abstract Lack of bandwidth and **network** latency are known to be major impediments to  
mosquitonet.stanford.edu/sigops96/papers/oconnell.ps

[Data Structures for Mobile Data - Basch, Guibas, Hershberger \(Correct\) \(69 citations\)](#)

and Canny [15] and Ponamgi et al. [18] exploit **temporal** coherence to maintain the minimum distance objects in advance. Thus they are better suited to **real-world** situations in which objects can change can be approximated, after a discrete sampling of **time**, by deleting it and reinserting it at a new  
theory.stanford.edu/~jbasch/compressed/papers/bgh-dsmd-97.ps.gz

[Event Propagation Conditions in Timing Analysis - Hakan Yalcin \(Correct\)](#)

and R.K. Brayton, Integrating Functional and **Temporal** Domains in Logic Design: The False Path Problem 1. The PC for the **event** on input  $x$  occurring at **time** is, since input  $y$  is required to have a the Longest Viable Path in a Combinational **Network**, Proc. 26th Design Automation Conf. 1989, pp.  
www.eecs.umich.edu/~hakan/PS/trep95.ps

Abstract Specification of Object Interaction - Hartmann, al. (1993) (Correct) (1 citation)

abstraction. One focus is on the specification of **temporal** object behaviour [SJ92, JSHS91, SJH94]2 1 because a restriction as defined here is not always **realistic** in **real** applications. During specification towards the precise modelling of behaviour over **time** of objects [SSE87, SFSE89, FSMS91, EDS93]The [www.witi.cs.uni-magdeburg.de/~itali/ftp/papers/db/93/hs93.ps.gz](http://www.witi.cs.uni-magdeburg.de/~itali/ftp/papers/db/93/hs93.ps.gz)

Neuromorphic Analog VLSI Sensors for 2-D Direction of Motion - Rainer Deutschmann (Correct)

of motion. An intensity edge is detected with a **temporal** edge detector (TED) KSK97]a nonlinear biological systems. In a step towards a system for **real time** scene analysis we have developed two new systems. In a step towards a system for **real time** scene analysis we have developed two new [www.klab.caltech.edu/~chuck/misc\\_html/pubs/jointsymp97.ps.gz](http://www.klab.caltech.edu/~chuck/misc_html/pubs/jointsymp97.ps.gz)

Getting Only What You Want: Data Mining and Event.. - Unruh, Martin, Perry (1998) (Correct) (2 citations)

Extraction Agents Information Analysis Agents **Temporal** Reasoning Agents Persistent User Agents Client A key motivation of the InfoSleuth system is that **real** information gathering applications require and detect significant shifts in trends over **time**. Several categories of agents in InfoSleuth [www.mcc.com/infosleuth/publications/TR98/INSL-113-98.ps](http://www.mcc.com/infosleuth/publications/TR98/INSL-113-98.ps)

New Neural Transfer Functions - Duch, Jankowski (1997) (Correct) (4 citations)

by the parallel processing capabilities of the **real** brains, but the processing elements and the number of Gaussian bar functions with almost three **times** as many parameters. However, if there are  $k$  parameters is equivalent to the use of a general **metric** tensor in the distance function:  $D_2 g(x, G)$  [www.phys.uni.torun.pl/publications/kmk/amcs.ps.gz](http://www.phys.uni.torun.pl/publications/kmk/amcs.ps.gz)

A Neuromorphic Visual Motion Sensor For Real-World Robots - Harrison, Koch (1998) (Correct) (1 citation)

photoreceptors multipliers bandpass filters **temporal** lowpass filters **temporal** wide-field A Neuromorphic Visual Motion Sensor For **Real-World** Robots Reid R. Harrison And Christof Koch parallel processing to extract motion in **real-time**. Because our architecture is based on biological [www.klab.caltech.edu/~harrison/iros98.ps](http://www.klab.caltech.edu/~harrison/iros98.ps)

A Reliable Ordered Delivery Protocol for.. - Agarwal, Moser.. (1995) (Correct) (5 citations)

which we are aware to combine sequence numbers and **timestamps** to provide a global total order of messages Delivery Protocol for Interconnected Local-Area **Networks** D. A. Agarwal, L. E. Moser, P. M. [beta.ece.ucsb.edu/pub/TOTEM/icnp95.ps.Z](http://beta.ece.ucsb.edu/pub/TOTEM/icnp95.ps.Z)

Absolute Equilibrium Entropy - SHEBALIN (1996) (Correct)

value. The resolution of this dilemma is to **realize** that what is evolving is not the entropy H-theorems explicitly require the existence of a **time**-dependent function which is assigned the role of a [techreports.larc.nasa.gov/pub/techreports/larc/96/NASA-96-jpp-jvs.ps.Z](http://techreports.larc.nasa.gov/pub/techreports/larc/96/NASA-96-jpp-jvs.ps.Z)

Solving Small TSPs with Constraints - Caseau, Laburthe (1997) (Correct) (20 citations)

problem is not its direct applicability, since few **real** problems may actually be described as TSPs, but problems, especially when side-constraints such as **time** windows are added. Results about practical [www.dmi.ens.fr/users/laburthe/papers/iclp97.ps.gz](http://www.dmi.ens.fr/users/laburthe/papers/iclp97.ps.gz)

Failure Mode Assumptions and Assumption Coverage - David Powell (1992) (Correct) (59 citations)

and Related Properties in Transition Systems: a **Temporal** Logic to deal with Fairness"Acta Informatica, assumptions are less likely to be violated in the **real** system. However, as illustrated by the example of be implemented within the system (e.g.space or **time**, replication or diversification,Similarly, [ftp.laas.fr/pub/Publications/1991/91462.ps](http://ftp.laas.fr/pub/Publications/1991/91462.ps)

A Bayesian Approach to Learning Causal Networks - Heckerman (1995) (Correct) (22 citations)

to decision nodes, represent what is known at the **time** decisions are made. Relevance arcs, which point to A Bayesian Approach to Learning Causal **Networks** David Heckerman heckerma@microsoft.com March [ftp.research.microsoft.com/pub/tr/tr-95-04.ps](http://ftp.research.microsoft.com/pub/tr/tr-95-04.ps)

Spike Train Processing By A Silicon Neuromorph: The Role Of.. - Northmore, Elias (Correct)

to input spike frequencies, discriminate **temporal** patterns of spikes, and detect correlations systems in hardware for generating behavior in **real** environments can best be approached at the present Activation of synapses of the same type close in **time** and space produced local saturation of potential,



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[Utility-Theoretic Heuristics for Intelligent Adaptive..](#) - Mikler, Honavar, Wong (1996) (Correct) (1 citation)

control decisions as measured by some **performance metric**. This requires an understanding of the complex network load stays Armin Mikler is currently a **post-doctoral** fellow at the Scalable Computing to meet a diverse set of often conflicting **performance** requirements (e.g.average message delay, [www.cs.iastate.edu/~honavar/Papers/TR95-14.ps](http://www.cs.iastate.edu/~honavar/Papers/TR95-14.ps)

[MacFS: A Portable Macintosh File System Library](#) - Dinda, Necula, Price (1998) (Correct)

implementations in multiprogrammed environments. **Performance** measurements show that our implementation is volume information block con5 sumed far too much **time**. Therefore we now keep the volume information code is that both trees are files, which can **dynamically** grow and are not necessarily contiguous. The [reports-archive.adm.cs.cmu.edu/anon/1998/CMU-CS-98-145.ps](http://reports-archive.adm.cs.cmu.edu/anon/1998/CMU-CS-98-145.ps)

[Reactive Synchronization Algorithms for Multiprocessors](#) - Lim (1994) (Correct) (40 citations)

conditions are hard to design because their **performance** depends on unpredictable run-time factors. we will present **data** from experiments run on the **real** hardware in Section 6. Test&Set w/ backoff their **performance** depends on unpredictable run-time factors. The designer of a synchronization [ftp.cag.lcs.mit.edu/papers/reactive.ps.Z](http://ftp.cag.lcs.mit.edu/papers/reactive.ps.Z)

[Probabilistic Logical Information Retrieval for Content..](#) - Rölleke, Blömer (Correct)

**data**. We load this **data** into the external **database** Postgres and get 69 MB of external relations including evaluating the retrieval strategies. We present **performance** measurements and the evaluation of the link structure, and attribute values at the same **time**. 2. The prototypical system HySpirit serves as [is6-www.cs.uni-dortmund.de/~roelleke/papers/97/HIM/paper.ps.gz](http://is6-www.cs.uni-dortmund.de/~roelleke/papers/97/HIM/paper.ps.gz)

[Visualizing Geometric Uncertainty of Surface Interpolants](#) - Lodha, Sheehan, Pang.. (1996) (Correct) (3 citations)

2 2 which has also been used as a fairness **metric** [MS94]Other more sophisticated criteria have **Visualizing** Geometric Uncertainty of Surface Interpolants and designers is the task of constructing models of **data** sets obtained by instruments or created by users. [ftp.cse.ucsc.edu/pub/reinas/papers/gi96.ps.gz](http://ftp.cse.ucsc.edu/pub/reinas/papers/gi96.ps.gz)

[The Design of a Completely Visual Object-Oriented..](#) - Citrin, Doherty, Zorn (1994) (Correct) (4 citations)

the semantics of Cand thus will have an easier **time** understanding ViPr. In our representation, aspects Object-oriented languages have relied on simple **visualization** tools such as class browsers to aid features such as polymorphism, inheritance, and **dynamic** dispatch. While these features allow complex [ftp.cs.colorado.edu/pub/techreports/zorn/VOOP-VIPR.ps.Z](http://ftp.cs.colorado.edu/pub/techreports/zorn/VOOP-VIPR.ps.Z)

[On Partitioning Dynamic Adaptive Grid Hierarchies](#) - Manish Parashar (1996) (Correct) (22 citations)

Num Procs DAGH Structure Level Efficiency Load Metric 1 8 0 0.0 6268 1 0.870095 13294 2 0.969519 49908 (entire composite list)Each processor first **posts** receives for all incoming **data** and then at each level. 5.2 Representation Overheads **Performance** overheads due the DAGH/SDDG representations [www.cs.utexas.edu/users/dagh/.Papers/hicss.ps](http://www.cs.utexas.edu/users/dagh/.Papers/hicss.ps)

[Consistent Supersequences And Transversal Graphs: An..](#) - Middendorf, Timkovsky (1998) (Correct)

problem proving that it can be solved in polynomial **time** with one positive or one negative string and is problem is strongly NP-hard. Fraser applied the **dynamic** programming approach to solve both problems in of Karlsruhe, D-76128 Karlsruhe, Germany Star **Data** Systems Inc.Commerce Court South 30 Wellington [www.dcss.mcmaster.ca/reports/ps/trpt9807.ps](http://www.dcss.mcmaster.ca/reports/ps/trpt9807.ps)

[Computation with Nonlinear Dynamical System](#) - Manganaro, de Gyvez (Correct)

the feasibility of ultrascale computation in **real-time**. Massive computation can easily be achieved  
the feasibility of ultrascale computation in **real-time**. Massive computation can easily be achieved by  
Computation with Nonlinear **Dynamical** System Gabriele Manganaro 1 Jose Pineda  
[www.stw.nl/programmas/prorisc/workshop/proc/psz/manganaro.ps.gz](http://www.stw.nl/programmas/prorisc/workshop/proc/psz/manganaro.ps.gz)

Optimizing the Transmit Power for Slow Fading Channels - Ligdas, Farvardin (Correct)  
delay and number of states on the bit-error-rate **performance** of the proposed policies under slow and  
100 msec, a value that is unacceptable for many **real-time** twoway communication applications. This  
information is transmitted over channels whose **timevarying** behavior causes severe fluctuations of the  
[winwww.rutgers.edu/~pascal/papers/it.ps](http://winwww.rutgers.edu/~pascal/papers/it.ps)

Control of Virtual Motion Systems - Majid Moghaddam (1993) (Correct) (4 citations)  
system, we cast the problem in terms of a **performance** index. This approach permits application of  
humans and robots in a fashion that feels most "realistic, that is, like locomoting on ground. After  
from their head mounted displays. At the same **time**, however, they would not go anywhere, because they  
[www.cim.mcgill.ca/~arlweb/publications/iros93\\_vms.ps](http://www.cim.mcgill.ca/~arlweb/publications/iros93_vms.ps)

Augmented Space: Bringing the Physical Dimension into.. - Not, Petrelli, Stock.. (1997) (Correct) (2 citations)  
constraints (i.e. audio tapes force a **predefined** path) or because the descriptions are not  
space, involving perceptual experiences with **real** objects and physical tiredness, or the movement  
the object in front of the visitor. Adaptive and **dynamic** hypertext technology may be exploited to tailor  
[ecate.itc.it:1024/petrelli/publications/HT97-final.ps.gz](http://ecate.itc.it:1024/petrelli/publications/HT97-final.ps.gz)

Text Recognition from Grey Level Images Using Hidden Markov.. - Aas, Eikvil, Andersen (1995) (Correct) (1 citation)  
with LLNCS style [www.nr.no/research/bild/PostScript/CAIP.95.Aas.ps.gz](http://www.nr.no/research/bild/PostScript/CAIP.95.Aas.ps.gz)  
level images and treating an entire word at the **time**. The features are found from the grey levels of  
of models is found for each word by the use of **dynamic** programming. 1 Introduction One of the  
[www.nr.no/research/bild/PostScript/CAIP.95.Aas.ps.gz](http://www.nr.no/research/bild/PostScript/CAIP.95.Aas.ps.gz)

Programming and Network Issues for Communicative Computer Systems - Thorelli (Correct)  
decoder and player, will be demonstrated at the **poster** session 10 The Dirichlet Problem This  
of stream communication is essential for high-**performance** distributed applications. The semantics of  
requirement is the ability to express and enforce **real-time** constraints. EDA (Extended **Dataflow**  
[www.it.kth.se/labs/cs/cs-group/articles/Nutek.ppr.ps.gz](http://www.it.kth.se/labs/cs/cs-group/articles/Nutek.ppr.ps.gz)

Issues In Measuring The Benefits Of Multimodal Interfaces - Flanagan, Marsic (1997) (Correct) (1 citation)  
the solution (as judged by experts) constitute the **metrics**. Parameters include single and double interface  
task at hand. But, traditionally, we measure the **performance** of machine aids singly (usually in a  
update Figure 1: Information flow in a distributed **real-time** collaborative system. geographically  
[www.caip.rutgers.edu/disciple/Publications/icassp-97.ps.gz](http://www.caip.rutgers.edu/disciple/Publications/icassp-97.ps.gz)

Design and Implementation of Runtime Reflection in.. - Roman, Kon, Campbell (1999) (Correct) (10 citations)  
the mechanisms for runtime recon guration. The **performance** of distributed applications is greatly aected  
[1]TAO was primarily targeted at Avionics hard **real-time** systems in which the environment parameters  
not react in front of these changes. Most of the **times**, applications have enough knowledge to decide  
[choices.cs.uiuc.edu/2k/papers/icdcs99.ps.gz](http://choices.cs.uiuc.edu/2k/papers/icdcs99.ps.gz)

A TMS320C40 based Speech Recognition System for Embedded.. - Obermaier, Rinner (1998) (Correct)  
The classification is based on some distance **metric** between the features and the templates. The  
Texas Instruments. The recognition rate and the **performance** are experimentally evaluated using a test  
has been a very active research area for a long **time**, and much progress has been achieved within the  
[www.iti.tu-graz.ac.at/en/people/rinner/.../publications/papers/obermaier98.ps.gz](http://www.iti.tu-graz.ac.at/en/people/rinner/.../publications/papers/obermaier98.ps.gz)

Time-Critical Planning and Scheduling Research at.. - Dean, Greenwald.. (Correct)  
resources by using expectations about the **performance** of decision-making procedures and preferences  
to algorithms that is widely cited in the areas of **real-time** problem solving [8, 5]We have provided a  
**Time-Critical Planning and Scheduling Research at Brown**  
[www.mcs.drexel.edu/~lgreenwa/cs-94-41.ps.gz](http://www.mcs.drexel.edu/~lgreenwa/cs-94-41.ps.gz)

Calibrating the COCOMO II Post-Architecture Model - Sunita Devnani-Chulani (Correct)

Output. Keywords Cocomo li, Cost Estimation, **Metrics**, Multiple Regression. 1 Introduction The  
1 Calibrating The Cocomo li **Post**-Architecture Model Sunita Devnani-Chulani Bradford  
modes and two COCOMO 81 cost drivers: turnaround **time** and modern programming practices. This paper  
sunset.usc.edu/TechRpts/CalPostArch.ps

Prioritization in Parallel Symbolic Computing - Kale, Ramkumar, Saletore, Sinha (1993) (Correct) (5 citations)  
fault is called a redundant fault. The efficiency **metric** in Table 2 reports the percentage of faults which  
loss in quality. There is an interesting **postscript** to the research on state-space search. As  
that scheduling is an important determinant of **performance** for many parallel symbolic computations, in  
nscp.upenn.edu/parallel/environments/charm/papers/Symbolic\_LNCS93.ps.gz

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[Expressing and Enforcing Timing Constraints in a... - DiPippo, Ginis.. \(1996\) \(Correct\) \(1 citation\)](#)  
or product implementation that supports faster **performance**. For instance, several U.S. military systems  
02881 russ@nosc.mil lastname@cs.uri.edu Abstract **Real-time** distributed applications such as automated  
www.infosys.tuwien.ac.at/Research/Corba/archive/special/ri-tr97-252.ps.gz

[On Two-Tape Real-Time Computation and Queues - Vitányi \(Correct\)](#)  
-On Two-Tape **Real-Time** Computation And Queues\* Paul M.b. Vitanyi  
-On Two-Tape **Real-Time** Computation And Queues\* Paul M.b. Vitanyi Centre  
www.cwi.nl/~paulv/papers/jcss84.ps

[Effective Compiler Support for Predicated Execution ... - Mahlke, Lin, Chen, ... \(1992\) \(Correct\) \(132 citations\)](#)  
Roger A. Bringmann Center for Reliable and High-**Performance** Computing University of Illinois  
from the entire region must be examined each **time** a particular path through the region is entered.  
associated with each node and arc represent the **dynamic** frequency each basic block is entered and each  
cardit.et.tudelft.nl/~steven/ilp/mahlke92.ps.gz

[Sensor-Based Control Architecture for a Car-Like Vehicle - Laugier, Fraichard.. \(1998\) \(Correct\) \(3 citations\)](#)  
mobile in a **dynamic** workspace" He was a **Postdoctoral** Fellow in the Manipulation Laboratory of  
performed and the task planner is reinvoked. The **performance** of these approaches in terms of robustness,  
three functional components: a set of basic **real-time** skills, a reactive execution mechanism and a  
www.inrialpes.fr/sharp/people/frichard/documents/laugier:etal:ar:99.ps.gz

[Visualizing the Performance of Higher-Order Programs - Oscar Waddell \(1998\) \(Correct\) \(1 citation\)](#)  
code with the original source. Presenting profile **metrics** to the user is also a challenge when working  
**Visualizing the Performance** of Higher-Order Programs Oscar Waddell  
graph in Figure 4. 5 Related Work In the **realm** of higher-order languages there have been few  
www.cs.indiana.edu/~owaddell/papers/paste98.ps.gz

[System Support for OpenGL Direct Rendering - Kilgard, Blythe, Hohn \(1995\) \(Correct\) \(5 citations\)](#)  
The techniques described provide "maximum **performance**" rendering for OpenGL. Some of the issues are  
contention for graphics resources such as screen **real estate**. There are three classes of contention that  
And the pixel **data** returned is copied three **times**, as opposed to a single copy in the direct  
reality.sgi.com/mjk/direct.ps

[Frames, Objects and Relations: Three Semantic... - Norrie, Reimer.. \(1994\) \(Correct\)](#)  
system research has focussed on issues of **performance** and concurrent access to large **data** sets and  
of objects for which the functions referred to are **really** defined, rather than operating on the most  
the class explicitly as it can be derived at access **time**. The trade-off here is between fast access to  
www.globis.ethz.ch/publications/docs/1994d-nrlrs-krdp.ps.gz

[A Distributed Table-Driven Route Selection Scheme for... - Chou, Shin \(1994\) \(Correct\)](#)  
find a "qualified" route, if any, that meets the **performance** requirement of the requested channel without  
Route Selection Scheme for Establishing **Real-Time** Video Channels Chih-Che Chou and Kang G.  
rtcl.eecs.umich.edu/outgoing/ccchou/table94.ps.Z

[Comparison of Name Resolution Algorithms - Phillips \(1997\) \(Correct\)](#)  
set of input parameters, two **performance metrics** are computed: fl the number of hops from the  
Given a particular set of input parameters, two **performance metrics** are computed: fl the number of hops  
before these algorithms could be deployed in **real networks**. One refinement could be to limit the  
www-scf.usc.edu/~grahamph/694project.ps.gz



Dynamic Reducts as a Tool for Extracting Laws from Decisions.. - Skowron, Synak (1994) (Correct) (14 citations)

table) for which the final decision proposed was **really** poor, i.e. such that the absolute value of the of the indicator, duration indicates the amount of **time** that the indicator has been at that value or close  
**Dynamic Reducts as a Tool for Extracting Laws from**  
ftp.ii.pw.edu.pl/pub/Reports/43\_94.ps.Z

The Design of Eiffel Programs: Quantitative Evaluation.. - Abreu, Esteves, Goulão (1996) (Correct) (2 citations)

Programs: Quantitative Evaluation Using the MOOD Metrics Fernando Brito e Abreu Rita Esteves, Miguel iii) in the specification, by changing pre or **post**-conditions. effectivation of a feature declared examples follow: feature {NONE} cartesian(a, b: **REAL**) is normal" method do x :a y :b end albertina.inesc.pt/ftp/pub/esw/mood/MoodPage/.../PAPERS/US\_LETTER/tools96.ps

An Agent-oriented Model for Software Evaluation - Sita Ramakrishnan (1997) (Correct)

perspective. A pluggable component for **metrics** has been derived by focussing on such as cohesion, coupling, complexity, cost and **performance metrics** to fit into the strategy of pluggable over schedule leading to cost overruns or run-time **performance** issues. 2.2 Software Code Analysis In www.sd.monash.edu.au/research/publications/1997/TR97-3.ps

CCS Dynamic Bisimulation is Progressing - Montanari, Sassone (1991) (Correct) (1 citation)

can actually replace each other consistently in any **real** system, guaranteeing software modularity and each other in the presence of **dynamic**, i.e. run time, re)configurations. We provide an algebraic Of Mfcs '91, Lncs 520, Springer-Verlag, 1991 Ccs **Dynamic Bisimulation Is Progressing** Ugo Montanari And www.dcs.qmw.ac.uk/~vs/cv/.../ftp/dynamic-mfcs91.ps.gz

Spectroscopy of the roAp star - Cir li (Correct)

out while IKB was in receipt of an Australian **Postgraduate Award**, and was also supported by funds from the final fit since there is very little **real** continuum at the resolution of our **data** (1.5 A) which are described in Section 2.2. The **time series** analysis of these is explained in Section www.obs.aau.dk/~srf/papers/acir2.ps.gz

Analysis of a Reliable Data-transfer Protocol for Broadband.. - Olah, de Groot (1995) (Correct)

TIOS Group, Univ. of Twente, July 1994. 5] J. **Postel** (ed. Transmission control protocol. RFC-793, the faster reuse of sequence numbers fl the **performance** of the protocol is affected through the services to end users. This potential can only be **realized** if the protocols at the upper layers are also www.elec.uow.edu.au/conferences/95-79.ps

Customizing Mobile Applications - Schilit, Theimer, Welch (1993) (Correct) (26 citations)

PARC's mobile computing environment and initial **performance** evaluations are described. 1 Introduction In contrast to the Unix practice of one **time** initialization at program start up, **dynamic** Corporation welch@parc.xerox.com Abstract The **dynamics** of mobile systems require applications to ftp.parc.xerox.com/pub/schilit/usmlic-93-schilit.ps.Z

Hierarchical Solution Techniques for Realistic Rendering - Sillion (Correct)

open problems are the analysis of the relative **performance** of the various subdivision criteria, the Hierarchical Solution Techniques for **Realistic Rendering** Francois Sillion CNRS IMAGIS can produce an approximate solution in a very short **time**, and continuously improve it over **time**. This w3imagis.imag.fr/Publications/fxs/S95gc.ps.gz

Cooperative Multiagent Search for Portfolio Selection - Parkes, Huberman (Correct)

about the future **dynamics** of stock prices, its ex **post** efficiency is highly dependent on the accuracy of hint exchange, achieves a further increase in **performance**. Finally we show that communication is we show that communication is redundant in a more **realistic** market that satisfies the constraints between www.cis.upenn.edu/~dparkes/ascma.ps

Speedup of Band Linear Recurrences in the Presence of Resource .. - Haigeng Wang (1992) (Correct)

[12, 19, 8, 11, 2] have demonstrated good **performance** subject to preserving loop-carried of loops with loop-carried dependences require **real-time** response and have a very high frequency of recurrences. Our schedules have better execution **times** than the fastest previously published parallel www.ics.uci.edu/pub/pub/wang/ics92rt1.ps.Z

Anomalies in Simulations of Nearest Neighbor Ballistic Deposition - D'Souza (1997) (Correct)  
situations which may cause long crossover **times** or a change in exponents are investigated. For  
a prototypical model for interface growth and for **dynamic** scaling behavior in non-equilibrium systems. BD  
window size for the longest **times** simulated. The **data** from all five substrate lengths are included.  
[www.im.lcs.mit.edu/raissa/bdrng.ijmpc.printed.ps](http://www.im.lcs.mit.edu/raissa/bdrng.ijmpc.printed.ps)

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[An Active Temporal Model for Network Management Databases - Masum Hasan \(1995\)](#) (Correct) (9 citations)  
 has to deal with two types of **data**: static and **dynamic**. Static **data** either never change or change very  
 An Active Temporal Model for Network Management Databases 1 Masum Z. Hasan zmhasan@db.toronto.edu  
<ftp.db.toronto.edu/pub/papers/ISINM95.ps.Z>

[Dynamic Expression Trees - Cohen, Tamassia \(1993\)](#) (Correct) (4 citations)

**Dynamic Expression Trees** Robert F. Cohen Roberto  
 or cutting the corresponding trees. Our **dynamic data** structure uses linear **space** and supports queries  
 trees. Our **dynamic data** structure uses linear **space** and supports queries and updates in logarithmic  
<ftp.cs.brown.edu/pub/papers/theory/exptrees.ps.Z>

[Design of Graph ZPL: Extensions to ZPL to Handle Irregular.. - Vassily Litvinov](#) (Correct)

ZPL: Extensions to ZPL to Handle Irregular and **Dynamic Data** Structures Vassily Litvinov October 25,  
 Extensions to ZPL to Handle Irregular and **Dynamic Data** Structures Vassily Litvinov October 25, 1995  
[www.cs.washington.edu/homes/vass/Links/GraphZPL-paper.ps](http://www.cs.washington.edu/homes/vass/Links/GraphZPL-paper.ps)

[Dynamic Data Mining - Raghavan, Hafez](#) (Correct)

**Dynamic Data Mining** Vijay Raghavan and Alaaeldin  
**Dynamic Data Mining** Vijay Raghavan and Alaaeldin Hafez 1  
[www.cacs.usf.edu/Publications/Raghavan/HR00.pdf](http://www.cacs.usf.edu/Publications/Raghavan/HR00.pdf)

[Hyperform: Rapid Prototyping of Hypermedia Services - Will \(1995\)](#) (Correct) (3 citations)

of the storage subsystem. Hyperform [1,2,3] is a **dynamic**, open and distributed multiuser hypermedia  
 applications must store and retrieve hypermedia **data**, and thus developers must deal with the complexity  
<ftp.njit.edu/pub/bieber/cacm/will-sidebar.ps.Z>

[JETNET 3.0 - A Versatile Artificial Neural Network Package - Peterson, Rögnvaldsson.. \(1993\)](#) (Correct)

Algorithms Gradient descent assumes a flat **metric** where the learning rate  $j$  in eq. 7) is identical  
 things, the following options are included. ffl **Dynamic Learning Rates** ffl Saturation Measurement ffl  
 Keywords: pattern recognition, jet identification, **data** analysis, artificial neural network Nature of  
[www-dapnia.cea.fr/Spp/Experiences/OPAL/bib/...opalcern/jetnet/jetnet30.ps.gz](http://www-dapnia.cea.fr/Spp/Experiences/OPAL/bib/...opalcern/jetnet/jetnet30.ps.gz)

[Making Real-Time Reactive Systems Reliable - Marzullo, Wood \(1991\)](#) (Correct) (12 citations)

must be properties. 2. Sensors, whose values are **dynamic** for a given entity. A sensor attribute can be  
 describes the application using an object-oriented **data** model and writes the control program referencing  
<ftp.cs.ucsd.edu/pub/faculty/marzullo/TR90-1155.ps.Z>

[What Is the BEST Spectrum Estimate? - Wei \(1997\)](#) (Correct)

really well, especially for signals with large **dynamic** range Key References ffl D. J. Thompson,  
 ffl Q2: Why time-limited? A2: Because of finite **data**. J g) f) Z 0:5 Gamma0:5 D N (f \Gamma f  
[www.ece.utexas.edu/~sakarya/courses/ee381k/lectures/15\\_Multiple\\_Windows/lecture15/lecture15.ps](http://www.ece.utexas.edu/~sakarya/courses/ee381k/lectures/15_Multiple_Windows/lecture15/lecture15.ps)

[An Asymptotical Variational Principle Associated with the.. - Lemaire \(1996\)](#) (Correct) (2 citations)

is not at our disposal independently from the **data**  $f$  but is defined from this **data**. Indeed, the  
 for a proper closed convex function  $f$  on a Hilbert **space** is characterized in the set of minimizers of  $f$   
 90C25. 1. Introduction Let  $X$  be a real Hilbert **space** endowed with inner product  $h$ : $i$  and associated  
[ftp.maths.tcd.ie/pub/EMIS/journals/JCA/vol.3\\_no.1/j5\\_56.ps.gz](ftp.maths.tcd.ie/pub/EMIS/journals/JCA/vol.3_no.1/j5_56.ps.gz)

[The first three-dimensional reconstruction of a.. - Sault, Oosterloo.. \(1997\)](#) (Correct)

emission, point-source simulations suggest a **dynamic** range limit of 1200 and a fidelity limit of 90.  
 Jupiter -techniques: interferometric -methods: **data** analysis 1. Introduction Astronomical

possible to sample this three-dimensional Fourier **space** adequately, and so reconstruct the object in  
ftp.atnf.csiro.au/pub/people/toosterl/www/jup3D.ps.gz

History-Rich Tools for Social Navigation - Wexelblat (1998) (Correct) (1 citation)

montages that we take advantage of constantly, our **data** remains sterile. When we open a word processing help us make better use of the information and the **space**. I am investigating how interaction history can part of the problem is to characterize the problem **space**. We use six major dimensions to describe the area  
lcs.www.media.mit.edu/courses/agents98/hcic.ps

Multilevel Blocking and Prefetching for Linear.. - Garcia.. (Correct)

cache and the TLB are 32 cycles. 1.3 Performance **metrics** In this deliverable, we use two performance algebra computations, which access large amounts of **data**, is dependent on the behavior of the memory multiplication introduces a very large search **space**. In Part II the performance of the dense matrix  
ftp.wi.leidenuniv.nl/pub/APPARC/DELIVERABLES/HwA5b.ps.gz

Unifying Data and Control Transformations for Distributed Shared .. - Cierniak (1994) (Correct) (90 citations)

These results are further analyzed using locality **metrics** with instrumentation and simulation. 1  
Unifying **Data** and Control Transformations for Distributed Shared  
hypatia.dcs.qmw.ac.uk/data/edu/cs.rochester.edu/systems/94.tr542.Unifying\_data\_and\_control\_transformations.p

I/O Optimal Isosurface Extraction (Extended Abstract) - Chiang, Silva (Correct)

for the extraction of isosurfaces from volumetric **data**, by a novel application of the I/O optimal interval  
cis.poly.edu/chiang/iso-vis97.ps.gz

Deriving Integrity Maintaining Triggers from Transition Graphs - Gertz, Lipeck (1993) (Correct) (22 citations)

In this paper, we show how to derive triggers from **dynamic** integrity constraints which describe properties to generate triggers from constraints as part of **database** design and to utilize constraint  
ftp.informatik.uni-hannover.de/papers/1993/GL93a.ps.gz

Providing Integrated Support for Multiple Development Notations - Grundy, Venable (1995) (Correct) (3 citations)

of multiple notations and the implementation of **dynamic** support for them within an integrated ISEE. them within an integrated ISEE. First, conceptual **data** models of different analysis and design notations  
www.cs.waikato.ac.nz/~jgrundy/papers/caise95.ps.Z

Object-Oriented Specification and Stepwise Refinement - Saake, Jungclaus, Ehrich (1991) (Correct) (1 citation)

objects are modeled as processes of which certain **dynamic** characteristics of their internal state can be focus on certain aspects of system design (e.g. **data** structures or functionality or **dynamics**) and thus  
wwwiti.cs.uni-magdeburg.de/~itil/ftp/papers/db/92/sje92.ps.gz

Component Configurer: A Design Pattern for Component-Based.. - Rosa, Silva (1997) (Correct)

components connection, aiming at supporting ad-hoc **dynamic** reconfiguration and the migration of components of users. Agenda Sessions will consult the agenda **data** by using this Agenda Manager. Configuration  
albertina.inesc.pt/~ars/ps/eurotop97-1.ps

The Performance Potential of Data Dependence Speculation Collapsing - Sazeides (1996) (Correct) (5 citations)

An execution of a computer program defines a **dynamic dataflow** or dependence graph, that reflects the The Performance Potential of **Data** Dependence Speculation & Collapsing Yiannakis  
einstein.et.tudelft.nl/~stamatis/pubs/confps/micro29.96.ps

On the Role of Inter-Component Dependence in Supporting.. - Kon, Campbell (1998) (Correct)

is still difficult to develop efficient, reliable, and **dynamically** configurable component-based systems. the component. QoS-aware systems can use these **data** to enable proper admission control, resource to manage components running on a single address **space**, on different address **spaces** and processes, or choices.cs.uiuc.edu/2k/papers/CompConfig-TR.ps.gz

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[SemQuery: Semantic Clustering and Querying on.. - Sheikholeslami.. \(1998\) \(Correct\) \(2 citations\)](#)

images in part of the texture feature space. To visualize the feature space, only two of the most same cluster. We also design a multi-layer neural network model to merge the results of basic queries on intersected but different number of images may be eventually retrieved. Precision and recall of all [www.rit.edu/~wcceec/papers/tkde-semantic.ps](http://www.rit.edu/~wcceec/papers/tkde-semantic.ps)

[The Average X-Ray/gamma-Ray Spectra Of Seyfert Galaxies From .. - Andrzej Zdziarski \(Correct\)](#)

with the weights corresponding to the length of time of each observation. The OSSE and Ginga spectra spectrum in the 10-30 keV and 50-300 keV ranges to be harder and softer, respectively, than the 2-500 Kev Spectra Of Seyfert Galaxies, Using The Data From Ginga And Gro Osse. Our Sample Contains 3 [osse-www.nrl.navy.mil/print53.ps](http://osse-www.nrl.navy.mil/print53.ps)

[Parallel Algorithms for Hierarchical Clustering - Olson \(1993\) \(Correct\) \(36 citations\)](#)

and complete link) on  $n \log n$  node butterfly networks or trees. Thus, optimal efficiency is achieved using various distance metrics. I describe  $O(n)$  time algorithms for clustering using the single link, hierarchical clustering using various distance metrics. I describe  $O(n)$  time algorithms for clustering [robotics.jpl.nasa.gov/people/olson/papers/csd-94-786.ps.gz](http://robotics.jpl.nasa.gov/people/olson/papers/csd-94-786.ps.gz)

[Synthesis Of Trill - Shih \(Correct\)](#)

of Italian r. The trill is a complex acoustic event with at least two distinct sections but so far and segmenting the speech database, which is time consuming, and it also increases the size of the or in voiceless consonant clusters. This wide range of variations will pose a problem for the [www.bell-labs.com/projects/tts/trill.ps](http://www.bell-labs.com/projects/tts/trill.ps)

[in the Subject line: On Digital's EASYnet: CRL::TECHREPORTS On.. - This Work \(Correct\)](#)

synthesis and recognition, will be handled by time-shared general purpose processors, while the DSP, chips will have a place in synchronous, low latency data handling, but increasingly, the computation of have a few unique architectural features that have set them apart from general purpose processors: [crl.dec.com/pub/dec/CRL/tech-reports/92.10.ps.Z](http://crl.dec.com/pub/dec/CRL/tech-reports/92.10.ps.Z)

[Daily management of an earth observation satellite.. - Lemaitre, Verfaillie \(Correct\)](#)

of photographs, respect of camera transition times, limitation of the instantaneous data flow) optimization problems. In this framework, a range of algorithms is proposed, some of them fully transition times, limitation of the instantaneous data flow)select a subset of candidates which meets [ftp.cert.fr/pub/lemaitre/Papers/97-ILOG.ps](http://ftp.cert.fr/pub/lemaitre/Papers/97-ILOG.ps)

[Using Communication to Reduce Locality in Multi-Robot Learning - Mataric \(1997\) \(Correct\) \(3 citations\)](#)

agents whose impact differs and varies over time. Both problems can be addressed by using simple within a limited area (i.e.the perceptual range) the behavior they were performing, as well as rules. Communication is used to share sensory data to overcome hidden state and reinforcement to [www-robotics.usc.edu/~maja/publications/aaai97-my.ps.gz](http://www-robotics.usc.edu/~maja/publications/aaai97-my.ps.gz)

[Evolution Characteristics of an Industrial Application Framework - Mattsson \(Correct\)](#)

provides functionality for mediation between network elements, i.e.telecommunication switches, and organization makes no distinction with respect to time reporting of the customization of the framework of the Mediation framework versions are in the range 10 000 to 20 000 hours. We present normalized [www.ipd.hk-r.se/michaelm/papers/FwEvoChar.ECOOP99ws.pdf](http://www.ipd.hk-r.se/michaelm/papers/FwEvoChar.ECOOP99ws.pdf)

[The Use of Experts in Metrics Interpretation and Analyses - Wedde, Stålhane \(2000\) \(Correct\)](#)

data will give direct feedback on this view and eventually the need for an update. Figure 4: The role how can we change these processes and at the same time be sure that the changes are for the better?

133 The use of experts in **metrics** interpretation and analyses Kari Juul Wedde, Tor  
[www.escom.co.uk/conference2000/wedde.pdf](http://www.escom.co.uk/conference2000/wedde.pdf)

An Experiment in Refactoring an Object Oriented CASE Tool - Boudjlida, Kim (Correct)  
 modeller and the dynamic modeller. At that **time**, one year effort was expected to develop the  
 Technique (OMT) This tool supports a wide **range** of features such as constructing the three models  
 in the corresponding repository and collecting **metrics data**. A version 1.x of OODesigner has been  
[www.loria.fr/~nacer/PUBLI/Mcseai98.ps.gz](http://www.loria.fr/~nacer/PUBLI/Mcseai98.ps.gz)

Dunedin New Zealand - Software Metrics Data (Correct)  
 three statistical methods and one neural **network** method. In order to illustrate the impact of  
 Figure 3 illustrates the behavior of errors over **time**. Note that while the testing error is shown, this  
 to approximate a non-linear one over a particular **range**. ts 75NumRepor ns 50NumScree 1000 rs) Effort(hou  
[divcom.otago.ac.nz/infosci/publctns/complete/papers/dp9911ag.pdf.gz](http://divcom.otago.ac.nz/infosci/publctns/complete/papers/dp9911ag.pdf.gz)

JBOOMT: Jade Bird Object-Oriented Metrics Tool - Tao Xie Wanghong (Correct)  
 design selection, design **metrics data** collection, **visualization** of design structure, and display of  
 model can be displayed to **metrics** user. At same **time** user can easily tailor the thresholds and default  
 JBOOMT: Jade Bird Object-Oriented **Metrics** Tool Tao XIE, Wanghong YUAN, Hong MEI, Fuqing  
[www.cs.washington.edu/homes/taoxie/JBOOMT.pdf](http://www.cs.washington.edu/homes/taoxie/JBOOMT.pdf)

Talking Vs Taking: Speech Access To Remote Computers - Yankelovich (1994) (Correct) (2 citations)  
 information, and you have access to your usual **networked** environment, complete with any shared  
 experiment with speech interface design ideas. Our **eventual** goal is to allow users to telephone their Sun  
 mail message with all the location information? For **times** like these, remote access to your computer can be  
[www.sunlabs.com/research/speech/publications/chi94/CHI94Short.ps](http://www.sunlabs.com/research/speech/publications/chi94/CHI94Short.ps)

Beyond Depth-First: Improving Tabled Logic Programs through.. - Freire (1996) (Correct) (9 citations)  
 generator choice point is laid down for it. It will **eventually** generate an answer (p(2,3) in node 9) which  
 these new applications run efficiently in terms of **time** and space may require the use of different  
 0.06 to 15.7 seconds, whereas for XSB v. 1.5, they **range** between 0.09 and 4007.8 seconds. 6 Conclusion  
[www.cs.sunysb.edu/~tswift/webpapers/plilp-96.ps.gz](http://www.cs.sunysb.edu/~tswift/webpapers/plilp-96.ps.gz)

Constructive Theory Refinement in Knowledge Based Neural.. - Parekh, Honavar (1998) (Correct) (1 citation)  
 Theory Refinement in Knowledge Based Neural **Networks** Rajesh Parekh & Vasant Honavar Artificial  
[www.cs.iastate.edu/~honavar/Papers/parekh-ijcnn98.ps](http://www.cs.iastate.edu/~honavar/Papers/parekh-ijcnn98.ps)

A Lyapunov Bound for Solutions of Poisson's Equation - Glynn, Meyn (1996) (Correct) (3 citations)  
 see Glynn [12] These results also hold for some **network** models. See for example Meyn and Down [20] and  
 Markov processes evolving in discrete or continuous **time**, on a general state space. We develop a Lyapunov  
 or ZZ evolving on a locally compact separable **metric** space X, whose Borel  $\sigma$ -algebra shall be denoted  
[www.stanford.edu/~glynn/Fish.PS](http://www.stanford.edu/~glynn/Fish.PS)

Parallel Volume Rendering in the AVS Framework - Skinner, Corrie, Mackerras (Correct)  
 discusses our experiences using the Advanced **Visualization** System (AVS) 6] for parallel volume  
**visualization** package which allows users to build **networks** of modules (either built-in or user supplied) to  
 process, typically results in long rendering **times** for all but the smallest **data sets**. Parallel  
[cap.anu.edu.au/cap/bibliography/./KSBCPM98.ps.gz](http://cap.anu.edu.au/cap/bibliography/./KSBCPM98.ps.gz)

Software Design for Nonlinear Mixed Effects - Bates Pinheiro (Correct)  
 ?plot(Soybean, outer = T) Figure 2 helps **visualizing** the differences in leaf weight between the  
 several levels of a continuous covariate, usually **time** or dose. Further, these measurements are grouped  
 presents many challenging problems. The **data** can **range** from relatively small **data sets** with simple  
[cm.bell-labs.com/cm/ms/departments/sia/NLME/IASC\\_paper.ps](http://cm.bell-labs.com/cm/ms/departments/sia/NLME/IASC_paper.ps)

Visualizing Vector Information in Ocean Environments - Kelly Gaither (Correct)  
**Visualizing** Vector Information in Ocean Environments  
 Meaningful scientific **visualization** of **time**-varying, three-dimensional flow fields remains a  
 as well. Flow Lines: Flow lines encompass the **range** of particle traces displayed in flow  
[www.erc.msstate.edu/~kelly/POSTSCRIPT/oceans95.ps.gz](http://www.erc.msstate.edu/~kelly/POSTSCRIPT/oceans95.ps.gz)

Exact Learning and Data Compression with a Local.. - Ricci, Avesani (Correct)  
and curve detection. IEEE Transaction on Neural Networks, 4(4)636-649, 1993.  
results in a great speed up of performance at query time. 1 Introduction Nearest neighbor algorithms (NN)  
user should choose an initial value for  $f_i$  in the range  $[0:6 \ 1]$  and then optimize  $ff$  taking into account  
[www.ai.univie.ac.at/icml\\_ws/ricci.ps.Z](http://www.ai.univie.ac.at/icml_ws/ricci.ps.Z)

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